

Wire and Cable Insulation Extruder

This series of plastic extruders are designed to apply insulation and protective jacketing to wires and cables. They are capable of processing PVC, PE, and XLPE materials.



Product Overview

High-Efficiency Wire and Cable Insulation Extruder

This industrial-grade insulation extruder is engineered for precision application of PVC, PE, or XLPE layers onto wire and cable products. It features a robust, low-noise solid gear speed-down motor and a sophisticated temperature monitoring system for consistent performance. The integrated configuration includes a complete production line setup from pay-off to take-up, ensuring reliable and high-quality insulation output.

Technical Specifications

Performance Parameters

Model	Screw L/D Ratio	Extruder Diameter (mm)	Take-up Size (mm)	Heat Voltage (kW)	Speed (kg/h)
SJ45	25:1	15	630	7.5	34
SJ65	25:1	35	1600	16	120
SJ90	25:1	60	2000	25	240
SJ120	25:1	100	2500	37	400
SJ150	25:1	100	3150	64	680

Key Features

Line Configuration

- Pay-off unit
- Tensioning unit
- Extruder
- Cool-water trough
- Haul-off unit
- Take-up unit
- Electrical control system

Operational Highlights

Low-noise operation, Solid gear speed-down motor, Aluminum casting heating, Water-center screw cooling, Precise temperature monitoring